MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL 1954

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

APRIL 1954

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degress Centigrade					
	8:30	14:30	20·30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	53.4	53.9	54.2	53.8	18.4	11.6	18.2	12.7	12.6	14.5
2	52.7	53.2	55.2	53.7	18.8	12.7	15.0	16.7	15.0	15.6
3	56.9	57.5	57.7	57.4	19.6	14.2	17.3	17.9	15.9	17.0
4	56.5	56.5	56.8	56.6	19.4	13.8	17.2	19.0	15.7	17.3
5	55.9	56.7	57.9	56.8	17.6	11.7	14.7	12.2	12.2	13.1
6	59.5	60.0	60.8	60.1	19.8	12.6	16.8	18.6	15.2	16.9
7	59.7	59.1	59.1	59.3	17.3	11.7	15.2	15.1	13.2	14.5
8	59.1	58.5	58.5	58.7	20.3	12.2	16.8	19.9	14.4	17.0
9	58.9	57.1	55.2	57.1	2.18	14.7	16.4	17.5	15.8	16.6
10	48.1	53.1	55.4	52.2	18.8	14.9	18.1	17.8	14.6	16.8
11	58.4	59.5	60.1	59.3	20.4	14.3	17.8	20.1	15.9	17.9
12	60.4	60.6	61.2	60.7	20.2	13.3	16.2	19.7	15.3	17.1
13	61.2	60.1	58.9	60.1	19.8	11.9	17.0	19.4	15.4	17.3
14	59.0	60.0	61.4	60.1	18.4	12.2	12.8	15.2	13.7	13.9
15	62.3	61.8	58.9	61.0	27.7	15.8	17.8	18.6	16.2	17.5
16	48.4	53.6	55.1	52.4	27.0	15.7	26.8	20.9	19.4	22.4
17	58.1	59.1	60.8	59.3	22.0	14.7	17.6	21.7	16.1	18.5
18	61.9	61.6	61.5	61.7	21.6	13.8	17.7	21.2	15.6	18.2
19	61.9	61.8	62.8	62.2	21.6	14.3	18.3	21.6	16.6	18.8
20	63.9	64.3	64.3	64.2	21.2	13.8	18.8	20.5	16.1	18.5
21	64.9	59.5	55.6	60.0	26.3	17.2	18.1	21.1	18.2	19.1
22	52.2	54.9	57.4	54.8	25.4	15.7	25.0	22.1	17.5	21.5
23	60.2	60.8	61.5	60.8	22.3	13.7	19.1	21.9	15.6	18.9
24	60.8	60.2	60.3	60.4	21.7	15.2	19.2	20.5	16.1	18.6
25	60.9	60.9	61.3	61.0	21.3	14.0	18.3	20.8	16.1	18.4
26	62.7	62.4	63.4	62.8	21.8	14.7	17.2	20.4	15.5	17.7
27	64.3	64.3	65.5	64.7	21.1	14.5	18.7	20.1	15.6	18.1
28	65.8	65.0	64.4	65.1	22.5	15.3	19.7	21.2	17.9	19.6
29	64.1	62.5	62.5	63.0	24.7	16.9	21.8	24.4	19.9	22.0
30	62.1	61.1	61.5	61.6	28.0	17.3	23.2	25.6	21.7	23.5
31										
	59.14	59.32	59.64	59.36	21.56	14.15	18.23	19.48	15.97	17.89

Barometer, range for month 765.8 mm. — 748. 1mm.
„ 71-yr. average for month 760.03 mm.
Thermometer, range for month 28.0°C — 11.6°C
„ 71-yr. average for month 19.10°C
Rain total for month 116.33 mm.
„ 71-yrs average for month 55.16 mm.
„ Total, Sept. 1st. to end of month 958.34mm.
„ 71-yrs. average. Sept. 1st. to end of month 870. 00 mm.

APRIL 1954

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	17.1	14.3	13.3	14.9	80	96	89	88	0.7	399.0	73.16
2	14.5	14.2	14.0	14.2	84	74	83	80	4.5	167.0	6.86
3	13.7	14.8	14.9	14.4	72	74	79	75	6.3	607.0	
4	13.2	14.5	12.5	13.4	67	66	72	68	7.5	727.0	
5	14.4	13.3	10.5	12.7	88	92	73	84	1.1	476.0	12.70
6	12.1	11.8	7.6	10.5	65	57	65	62	9.0	211.0	
7	13.0	13.5	13.8	13.4	78	79	90	82	0.4	338.0	3.55
8	12.6	15.2	13.4	13.7	66	65	83	71	9.7	95.0	
9	12.6	14.8	15.0	14.1	67	75	85	76	1.9	369.0	
10	16.5	15.4	15.9	15.9	78	75	98	84	0.4	430.0	1.52
11	15.4	15.2	14.6	15.1	75	65	79	73	9.5	296.0	10.67
12	14.6	14.6	12.0	13.7	80	65	72	72	7.9	314.0	0.25
13	13.7	14.6	12.5	13.6	70	64	71	68	9.4	518.0	
14	13.8	15.5	13.9	14.4	93	92	87	91	3.1	93.0	7.62
15	13.8	14.9	15.1	14.6	67	71	83	74	8.3	257.0	
16	7.2	12.2	11.4	10.3	21	49	49	40	0.0	628.0	
17	17.5	17.8	15.6	17.0	86	68	85	80	8.3	31.0	
18	14.8	16.5	13.5	14.9	74	65	78	72	10.7	66.0	
19	14.9	16.7	15.2	15.6	71	64	82	72	11.8	31.0	
20	16.1	15.9	14.1	15.4	73	65	77	72	9.9	143.0	
21	14.4	17.7	18.8	17.0	69	70	89	76	10.3	362.0	
22	10.7	19.8	15.8	15.4	33	74	81	63	6.3	542.0	
23	15.0	15.5	13.5	14.7	69	61	77	69	11.3	154.0	
24	15.0	17.0	16.2	16.1	70	69	88	76	8.9	138.0	
25	13.3	11.6	11.1	12.0	62	49	61	57	9.7	129.0	
26	11.7	13.7	12.5	12.6	59	57	72	63	9.8	55.0	
27	13.4	13.1	13.5	13.3	63	56	75	65	11.0	146.0	
28	12.5	17.1	15.9	15.2	57	70	77	68	12.2	489.0	
29	16.7	18.0	12.5	15.7	65	59	54	59	12.3	72.0	
30	17.7	21.5	11.2	16.8	61	66	43	57	12.3	3.0	
31											
	14.06	15.36	13.65	14.35	68.8	68.4	76.6	71.2	7.48	276.20	3.88

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10st-ni	10ni	10ni	10.0	2w	1se	1sw	light	
2	10st-ni	7st-ni	2st	6.3	1sw	1n	1nw	,,	
3	0	10st	10st	6.7	1sw	2sw	1sw	,,	D., a.m.
4	7cu-st	8cu-st	10st	8.3	1sw	2sw	1sw	,,	
5	1 ni	10ni	0	6.7	3sw	2sw	1sw	slight	Th., a.m.
6	0	8ci-st	2st	3.3	1sw	1sw	1sw	light	
7	10st-ni	10st-ni	5cu-ni	8.3	1sw	1sw	1sw	,,	
8	0	3st	0	1.0	1sw	1sw	1sw	,,	D., a.m. p.m.
9	10st	10st	10st	10.0	1se	1n w	1ne	,,	D., a.m. p.m.
10	10ni	10st	10ni	10.0	6sw	3w	1sw	mod.	G., a.m.
11	5cu-st	0	0	1.7	1sw	1sw	1s	light	
12	10st-ni	7cu-st	8st	8.3	1sw	1sw	1sw	,,	D., p.m.
13	9cu-st	8cu-st	0	5.7	1sw	2sw	2sw	,,	D., a.m.
14	10ni	10cu-st	9cu-st	9.7	2sw	1sw	1s	slight	
15	4ci	10ci-st	10st	8.0	1w	2n	1ne	light	D., a.m.
16	10st	10st	10st	10.0	3sw	2sw	1sw	light	
17	10st	3st	2st	5.0	1nw	1nw	1nw	,,	
18	6cu-st	2cu-st	2cu	3.3	1w	1sw	1se	,,	D., a.m.
19	0	2ci	9st	3 7	1nw	1w	1sw	,,	D., a.m.
20	1st	2ci-st	10st	4.3	1sw	1w	1w	,,	D. a.m
21	1ci	8ci-st	10st	6.3	1n	2ne	1ne	light	D., a.m.
22	10st	10st	0	6.7	4sw	2sw	1w	,,	M. on Sea.a.m.p.m.
23	0	2st	0	0.7	1sw	1sw	1w	,,	
24	8ci-st	10st	0	6.0	2ne	1n	1nw	,,	D., a.m. p.m.
25	9cu-st	3cu	6st	6.0	1w	1w	1w	,,	
26	9cu-st	4cu-ci	5st	6.0	1s	1nw	1n	light	
27	3cu	0	0	1.0	1nw	1nw	1n	,,	
28	0	0	0	0.0	3n	3n	2n	slight	
29	0	0	0	0.0	1ne	1ne	1ne	light	
30	0	0	0	6.0	1sw	1ne	1e	,,	
31									
	mean			5.43					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	2	0	1	1	17	4	3	0	30
14:30	4	3	0	1	0	14	4	4	0	30
20:30	3	4	1	1	2	12	4	3	0	30
Total	9	9	1	3	3	43	12	10	0	90

Number of days with rain 8, fog 3, thunderstorms 1, gale. 1
71 yr. av. number of days with rain during month 6.23